



00537-169002.txt

SEQUENCE LISTING

<110> Chorev, Michael
Dong, Zheng Xin
Rosenblatt, Michael

<120> PTH2 RECEPTOR SELECTIVE COMPOUNDS

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<140> US 09/674,597

<141> 2000-11-02

<150> PCT/US99/09521

<151> 1999-05-03

<150> US 09/072,956

<151> 1998-05-05

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<220>

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<221> AMIDATION

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Ala Val Ser Glu Ile Gln Leu Leu His Asp Lys Gly Lys Ser Ile Gln
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00537-169002.txt

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20 25 30
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NH2, (C1-C30)alkoxy or NH-Y-CH2-Z, where Y is a
(C1-C30) hydrocarbon moiety and Z is CO2H or CONH2
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 20          25          30
Thr Ala Glu Ile
      35
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Ala	Val	Ser	Glu	His	Gln	Leu	Leu	His	Asp	Lys	Gly	Lys	Ser	Ile	Gln
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Asp	Leu	Arg	Arg	Arg	Phe	Phe	Leu	His	His	Leu	Ile	Ala	Glu	Ile	His
		20						25					30		
Thr	Ala	Glu	Ile	Arg											
		35													

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Ala	Val	Ser	Glu	His	Gln	Leu	Leu	His	Asp	Lys	Gly	Lys	Ser	Ile	Gln
1				5					10					15	
Asp	Leu	Arg	Arg	Arg	Phe	Phe	Leu	His	His	Leu	Ile	Ala	Glu	Ile	His
		20						25					30		
Thr	Ala	Glu	Ile	Arg	Ala										
		35													

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Ala	Val	Ser	Glu	Ile	Gln	Leu	Leu	His	Asp	Lys	Gly	Lys	Ser	Ile	Gln
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Asp	Leu	Arg	Arg	Arg	Phe	Trp	Leu	His	His	Leu	Ile	Ala	Glu	Ile	His
		20						25					30		
Thr	Ala	Glu	Ile												
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-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

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1           5           10           15
Asp Leu Arg Arg Phe Trp Leu His His Leu Ile Ala Glu Ile His
      20      25      30
Thr Ala Glu Ile
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<221> AMIDATION
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Xaa Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His Asn
      20      25      30
Tyr

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      20      25      30
Asn Xaa

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			20					25					30		

Tyr

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Tyr

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 Ser Xaa Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His Asn
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 Tyr

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 Ser Xaa Glu Arg Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His Asn
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 20 25 30
 Tyr

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 Xaa Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His Asn
 20 25 30
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1				5					10					15	

Xaa	Glu	Arg	Val	Glu	Trp	Leu	Arg	Lys	Lys	Leu	Gln	Asp	Val	His	Asn
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Tyr

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1				5					10					15	

Xaa	Glu	Arg	Val	Glu	Trp	Leu	Arg	Lys	Lys	Leu	Gln	Asp	Val	His	Asn
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Tyr

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 20 25 30

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 20 25 30
 Asn Phe